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ABSTRACTS OF THE MINUTES OF THE PROCEEDINGS
OF THE ACADEMY OF NATURAL SCIENCES
OF PHILADELPHIA

1921

JANUARY 18.

The President, JOHN CADWALADER, A.M., LL. D., in the Chair.
Eighty-two persons present.

The deaths of Edward J. Nolan, Librarian and Recording Secretary Emeritus, and Joseph G. Rosengarten, were announced.

Dr. William E. Hughes made a communication entitled: "Across the Peruvian Andes to the Amazon." (No abstract.)

The Council reported the appointment by the President of the following Committees: On Finance—Effingham B. Morris, *Chairman*, George L. Harrison, Jr., Morgan Hebard, Walter Horstmann, and the Treasurer, George Vaux, Jr. On Publications—Henry Skinner, *Chairman*, Milton J. Greenman, Witmer Stone, Henry A. Pilsbry, William J. Fox. On Library—Henry Tucker, *Chairman*, F. J. Keeley, T. Chalkley Palmer, Witmer Stone, Spencer Trotter. On Instruction—Henry Skinner, *Chairman*, Charles Morris, Henry A. Pilsbry, James A. G. Rehn.

William Randolph Taylor, C. Montague Cooke, Stephen Fuguet, Samuel Copeland Palmer, and Lambert Cadwalader, were elected members.

FEBRUARY 15.

The President, JOHN CADWALADER, A. M., LL. D., in the Chair.
One hundred and forty-four persons present.

The deaths of George W. Carpenter, and James Gibbons Huneker, were announced.

MR. ARTHUR H. FISHER made a communication entitled: "An Animated Photographic Journey through the Philadelphia Zoological Gardens." (No abstract.)

John Wagner, and Henry Frazer Harris, were elected members.

The Publication Committee reported the receipt of the following papers for publication:

"Two Week's Collecting in Yellowstone National Park," by Annette M. Braun.

"Some Faunal Remains from the Trias of York County, Pennsylvania," by H. E. Wanner.

"New or Little-known Crane-flies from the Amazonian Region," by Charles P. Alexander.

MARCH 15.

The President, JOHN CADWALADER, A.M., LL.D., in the Chair.

Sixty-four persons present.

The deaths of John H. McFadden, Daniel Baugh, and Stewardson Brown, were announced.

MR. JAMES A. G. REHN made a communication entitled: "The Academy Colombian Expedition of 1920." (No abstract.)

Samuel S. Fels was elected a member.

APRIL 19.

The President, JOHN CADWALADER, A.M., LL.D., in the Chair.

Thirty persons present.

The death of James D. Winsor was announced.

DR. HENRY SKINNER made a communication entitled: "A Collecting Trip to the Sierra La Sal, Utah." (No abstract.)

Frederick Wistar Morris, Jr., was elected a member.

The Publication Committee reported the receipt of the following papers for the Proceedings:

"Scrophulariaceae of the West Gulf States," by Francis W. Pennell.

"Desilicated Granitic Pegmatites," by Samuel G. Gordon.

"South American Blattidae from the Muséum National d'Histoire Naturelle, Paris, France," by Morgan Hebard.

"Revision of W. M. Gabb's Tertiary Mollusca of Santo Domingo," by Henry A. Filsby."

NOVEMBER 15.

The President, JOHN CADWALADER, A.M., LL.D., in the Chair.

Thirty-nine persons present.

The deaths of Hiram Milliken Hiller and Miss Emma Walter were announced.

Mr. J. Fletcher Street made a communication entitled: "A Study of the Wild Bird Life of the New Jersey Coast," (No abstract).

Nominations for Officers, Councillors, and members of the Committee on Accounts for the ensuing year were made.

The following were elected members: T. Ellis Barnes, R. Dale Benson, Jr., Mrs. Andrew Alexander Blair, Joseph Hall Bodine, Mrs. Edward Bok, Dr. John B. Carson, John D. Carter, Wilson Catherwood, Charles D. Clark, Alexander Brown Coxe, Mrs. James H. R. Cromwell, George K. Crozer, Jr., Edwin S. Dixon Jr., Archibald M. L. duPont, E. Paul duPont, Thomas Langdon Elwyn, William Newbold Ely, Mrs. Stanley G. Flagg, Jr., C. F. Fox, Mrs. Eva. B. Gadsby, Thomas S. Gates, John Gilbert, George L. Harrison, Mrs. Charles W. Henry, John C. Holinger, Wharton Huber, Charles F. Jenkins, Dr. Victor A. Loeb, C. Christopher Morris, Dr. Francis W. Pennell, Thomas Robins, John W. Schell, Miss Hepsey Norris Wells, Dr. D. H. Wenrich, Dr. Arthur Dewitt Whedon, Walter Wheeler.

The Publication Committee reported the receipt of the following papers for the Proceedings:

"The Chromite Deposits of the State Line Serpentine," by Samuel G. Gordon.

"Notes on Hemibranchiate and Lophobranchiate Fishes," by Henry W. Fowler.

"Notes on the Radula of the Helicinidae," by H. Burrington Baker.

"Plant Indicators of Soil Types," by Arthur Pierson Kelley.

"Notes on the Mollusks of the Colorado Desert, I," by S. Stillman Berry.

"Some Sharks' Teeth from the California Pliocene," by David Starr Jordon.

DECEMBER 20.

The President, JOHN CADWALADER, A.M., LL.D., in the Chair.
Twenty-six persons present.

Officers, Councillors, and members of the Committee on Accounts were elected for the ensuing year as follows:

PRESIDENT..... John Cadwalader, A.M., LL.D.

VICE-PRESIDENTS..... Edwin G. Conklin, Ph.D.

Henry Skinner, M.D., Sc.D.

RECORDING SECRETARY..... James A. G. Rehn.

CORRESPONDING SECRETARY..... J. Percy Moore, Ph.D.

TREASURER..... George Vaux, Jr.

LIBRARIAN..... Spencer Trotter, M.D.

Curators.....	Witmer Stone, A.M., Sc.D. Henry A. Pilsbry, Sc. D. Henry Tucker, M.D. George Spencer Morris.
COUNCILLORS TO SERVE THREE... YEARS.....	Philip P. Calvert., Ph. D. F. J. Keeley. Walter Horstmann. T. Chalkley Palmer.
COUNCILLOR TO FILL UNEXPIRED TERM OF GEORGE SPENCER MOR- RIS (resigned)	Morgan Hebard.
COMMITTEE ON ACCOUNTS.....	Charles Morris. John G. Rothermel. Samuel N. Rhoads. Charles S. Stewart, M.D. Walter Horstmann.

Annual Reports were received from the Secretary, Corresponding Secretary, Librarian, Curators, Treasurer, auditors of the Treasurer's accounts, Treasurer of the "Manual of Conchology," Curator of the William S. Vaux Collections, and from the following sections: Biological and Microscopical, Entomological, Botanical, Ornithological, Mineralogical and Geological.

The following were elected members: Miss Alice O. Albertson, Dr. Joseph L. T. Appleton, Jr., Dr. Clement Biddle, Malcolm H. Bissell, Mrs. Samuel Chew, Clarence M. Clark, Mrs. William Dreen, Mrs. G. W. C. Drexel, Henry S. Drinker, Jr., Louis H. Eisenlohr, Van Horn Ely, Arthur F. Hagar, Henry Reed Hatfield, Mrs. Frederick Hemsley, Mrs. Charles Willing Huber, John F. Huneker, Dr. Robert H. Hutchison, Dr. Peter M. Keating, Dr. Edward C. Kirk, Gustavus W. Knowles, Arthur H. Lea, Charles M. Lea, Miss Nina Lea, Howard W. Lewis, M. Albert Linton, Miss Caroline Lippincott, Mrs. J. Bertram Lippincott, Horatio Gates Lloyd, Mrs. Horatio Gates Lloyd, Malcolm Lloyd, Jr., Dr. Edward Lodholz, Charles H. Ludington, Percy C. Madeira, Jr., Mrs. Arthur V. Meigs, William R. Mercer, Miss Susan S. Miles, J. Clark Moore, Jr., Arthur E. Newbold, Jr., William Peterson Newhall, Dr. Ralph Pemberton, George L. Pennock, John M. Phillips, Dr. George Morris Piersol, W. S. Pilling, Mrs. Horace Miles Potts, G. Colesberry Purves, Mrs. Evan Randolph, Samuel Rea, Miss Marion Reilly, Dr. David Riesman, Mrs. Ernestine

M. Schell, Mrs. E. O. Shakespeare, S. F. Sharpless, Miss Caroline Sinkler, Alfred G. B. Steel, Hon. Mayer Sulzberger, Nicolas Thouron, Dr. B. M. Underhill, Daniel B. Wentz, Mrs. William D. Winsor, Clement B. Wood, Mrs. George Woodward. *Associate Member*: Earl L. Polle (Reading, Pa.). *Junior Members*: Franklin P. Cook, John T. Emlen, Jr., William P. Harrington, Charles Eliot Underdown.